



Model RS10
Owner's Guide

limited lifetime consumer warranty

This Ungo Pro Security system is warranted against defects in material and workmanship. The main unit is covered by this limited lifetime warranty. This Limited Lifetime Warranty applies to Ungo Pro Security systems that have been installed by an authorized Ungo Pro Security dealer. This warranty is to the Original Purchaser ("Owner") and to the original vehicle in which it was installed into. This warranty is not transferable to any subsequent owner(s) of the product(s).

Warranty Program:

Main Unit	Limited Lifetime
Remote Controls	One year from date of purchase
Siren	One year from date of purchase
Shock Sensor	One year from date of purchase
LED	One year from date of purchase
Override Switch	One year from date of purchase

The Warranty does not cover batteries or products deemed damaged through alterations or installation. It also does not cover products mishandled, misused, neglected, abused, water damaged, or with removed/altered serial numbers.

PROOF OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT.

This warranty does not cover the costs incurred for removal or reinstallation of the main unit and/or any damage to the vehicle or the vehicle's electrical system.

The sole responsibility of Clarion Corporation of America ("Clarion") under this Warranty shall be limited to the repair or replacement of the product, at the sole discretion of Clarion.

If it becomes necessary to send the product or any defective part to Clarion, the product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion will not assume any responsibility for any loss or damage incurred in shipping.

ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL CLARION CORPORATION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE OF THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITA-

TIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE THE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

Should you have any difficulties with the performance of this product during warranty, please call: 1-800-GO-CLARION or visit your local Ungo Pro Security dealer. You may also contact the National Service Manager at the following address below for additional service help you may need.

Clarion Corporation of America
Attn: National Service Manager
661 W. Redondo Beach Blvd.
Gardena, Ca 90247

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What is Included

- The control module
- A 4-button transmitter
- A push-button programming switch
- Your warranty card
- A shut-down toggle switch

Important Information

Congratulations on the purchase of your remote engine start keyless entry system. This system has been designed to provide years of trouble-free operation. By carefully reading this owner's guide prior to using your system, you will maximize the use of this system and its features. Additional or replacement copies of this guide can be printed by accessing the Clarion internet website at www.clarion.com.

System Maintenance

The system requires no specific maintenance. Your remote is powered by a miniature 3V lithium battery that lasts approximately one year under normal use. When the battery weakens, the LED on the remote will dim and operating range will be reduced.

FCC/ID Notice

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesirable operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Caution


This product is designed for fuel injected, automatic transmission vehicles only. Use of this product in a standard transmission vehicle is dangerous and contrary the product's intended use.

[Transmitter Functions]

The receiver uses a computer-based learn routine to learn the transmitter buttons. This makes it possible to assign any specific transmitter button, or combination of buttons, to any receiver function. The transmitter initially comes programmed with the Standard Configuration, but may also be customized by an authorized dealer. Unless otherwise specified, the buttons used in all of the instructions in this manual correspond to a Standard Configuration transmitter.

Standard Configuration


Button

The door locking and unlocking functions are controlled by pressing .

Button

The channel 2 output or trunk release is controlled by the  button.

Button

The remote engine start function of your system is controlled by pressing .

Button (OPT)

No function with this system

Buttons  + 

When simultaneously pressed these buttons control the timer mode.

Buttons  + 

When simultaneously pressed these buttons control the turbo/short run mode.

Buttons  +  + 

When simultaneously pressed these buttons control the rear window defogger during remote engine starting.

[Using Your System]

Warning! Safety First

The following safety warnings must be observed at all times:


- Due to the complexity of this system, installation of this product must only be performed by an authorized Ungo Dealer.
- When properly installed, this system can start the vehicle via a command signal from the remote control transmitter. Therefore, never operate the system in an enclosed area or partially enclosed area without ventilation (such as a garage). When parking in an enclosed or partially enclosed area or when having the vehicle serviced, the remote engine

start system must be disabled using the installed toggle switch. It is the user's sole responsibility to properly handle and keep out of reach from children all remote control transmitters to assure that the system does not unintentionally remote engine start the vehicle. **THE USER MUST INSTALL A CARBON MONOXIDE DETECTOR IN OR ABOUT THE LIVING AREA ADJACENT TO THE VEHICLE. ALL DOORS LEADING FROM ADJACENT LIVING AREAS TO THE ENCLOSED OR PARTIALLY ENCLOSED VEHICLE STORAGE AREA MUST AT ALL TIMES REMAIN CLOSED.** These precautions are the sole responsibility of the user.


- Use of this product in a manner contrary to its intended mode of operation may result in property damage, personal injury, or death. (1) Never remotely start the vehicle with the vehicle in gear, and (2) Never remotely start the vehicle with the keys in the ignition. The user must also have the neutral safety feature of the vehicle periodically checked, wherein the vehicle must not remotely start while the car is in gear. This testing should be performed by an authorized Ungo dealer in accordance with the Safety Check outlined in the product installation guide. If the vehicle starts in gear, cease remote engine start operation immediately and consult with the authorized Ungo dealer to fix the problem.
- After the remote engine start module has been installed, contact your authorized dealer to have him or her test the remote engine start module by performing the Safety Check outlined in the product installation guide. If the vehicle starts when

performing the Neutral Safety Shutdown Circuit test, the remote engine start unit has not been properly installed. The remote engine start module must be removed or the installer must properly reinstall the remote engine start system so that the vehicle does not start in gear. All installations must be performed by an authorized Ungo dealer. **OPERATION OF THE remote engine start MODULE IF THE VEHICLE STARTS IN GEAR IS CONTRARY TO ITS INTENDED MODE OF OPERATION. OPERATING THE remote engine start SYSTEM UNDER THESE CONDITIONS MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY. YOU MUST IMMEDIATELY CEASE THE USE OF THE UNIT AND SEEK THE ASSISTANCE OF AN AUTHORIZED UNGO DEALER TO REPAIR OR DISCONNECT THE INSTALLED remote engine start MODULE. UNGO WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.**

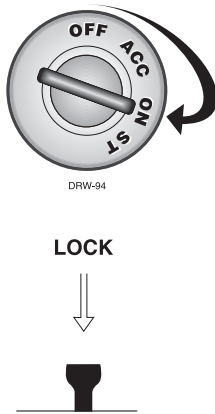
Locking

Pressing  for one second will lock the doors. The parking lights will flash once to confirm that the doors are locked.

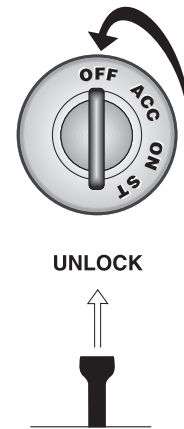
Unlocking

To unlock the doors press  for one second. The parking lights will flash twice to confirm that the doors are unlocked.

Ignition Controlled Door Locks



If power door locks have been connected to your system, the vehicle's door will lock three seconds after the ignition has been turned on and unlock when the ignition is turned off.




NOTE: If the ignition is turned on while the vehicle is remote engine started the doors will not lock until the remote engine start shuts off. To avoid being locked out of the vehicle, do not turn the ignition on until you are ready to drive the vehicle.

remote engine

This feature allows you to remotely start and run your vehicle for a programmable period of time. This makes it possible to warm up the engine, as well as adjust the interior temperature of the vehicle with the climate control system. If interior heating or cooling is desired, the climate controls must be preset, and the fan blower must be set to the desired level prior to remote engine starting the vehicle.

IMPORTANT! (1) Never remotely start the vehicle with the vehicle in gear, and (2) Never remotely start the vehicle with the key in the ignition.

To remote engine start the vehicle:

1. Press  on the transmitter twice within 3 seconds.
2. The parking lights will flash to confirm remote engine start

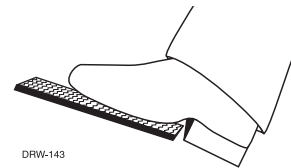
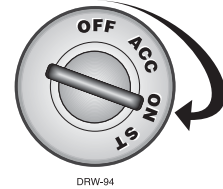
operation.

3. Once the vehicle has started, it will run for the pre-programmed period of time (12, 24, or 60 minutes) or until a shut-down input is triggered. This can be set to minute increments by your installer.


When you are ready to drive the vehicle:

1. Insert the ignition key and turn it to the ON (not the START) position.
2. Press the brake pedal.

NOTE: If the brake pedal is pressed before the key is in the ON position, the engine will shut down.





While the vehicle is running during remote engine start operation, the system will monitor the vehicle and will automatically shut down the engine if the system receives any of the following shut-down inputs:

- The brake pedal is pressed.
- The hood is opened.
- The shutdown toggle switch is put into the ON position.
- The pre-programmed run time has elapsed.
- The  button is pressed twice within 3 seconds.



Short-Run/Turbo

Short run turbo mode keeps the engine running after arriving at your destination for a programmable period of 1, 3, 5 or 10 minutes. This allows the system's timer to conveniently cool down the turbo after you have left the vehicle.



To activate:

1. Park the vehicle and set parking brake.
2. Remove your foot from the brake pedal and leave the engine running.
3. Press and release the  and  buttons at the same time.
4. The lights will flash to indicate the remote engine start has entered short run turbo mode.
5. Turn off the key, the engine will keep running.
6. Exit and secure the vehicle.
7. The engine will turn off after the programmed run time.

Timer Mode

By pressing the remote  and **AUX** buttons the parking lights will flash 4 times and then start the vehicle and run for the set duration. The remote engine start can be shut off by the transmitter by pressing the remote engine start button  and remain in timer mode, but if any other shut down zones or the ignition becomes active the timer mode will cancel.

1. Press Timer mode buttons.



2. The vehicle will confirm with 4 parking light flashes.
3. A 1-second delay will start.
4. The system will start the car and will run for the specified duration, unless shut down by the remote engine start button . If shut down with the remote engine start button  the system will remain in timer mode.
5. The system will start every 3 hours until canceled by the brake, hood, or neutral safety shut-down wires.

IMPORTANT! Timer Mode should be used only in open areas. Never start and run the vehicle in an enclosed space such as a garage or carport.

To exit timer mode, turn the ignition switch on any time the engine is running. The parking lights will flash 4 times, indicating timer mode has been exited.



Rear Defogger

To turn the rear defogger output OFF:

1. Simultaneously press & release the  +  + **AUX** buttons on the remote control.
2. The lights will flash 2 times.
3. The rear defogger output will no longer activate when the vehicle is remote engine started.

NOTE: If the remote engine start is on the parking lights will turn off then flash 2-times before returning to their normal output and the defogger output, if active, will cease.

To turn the rear defogger output ON:


1. Simultaneously press & release the  +  + **AUX** buttons on the remote control.
2. The lights will flash 3 times.
3. The rear defogger output will once again activate when the vehicle is remote engine started.

NOTE: If the remote engine start is on the lights will turn off then flash 3-times before returning to their normal output and the defogger output will activate as programmed.

Valet Take-Over

The Valet Take-Over feature allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time, but would like to leave the motor running and the climate controls on.

To perform Valet Take-Over:

1. Before turning off the engine, press and release  twice within 2 seconds (or press and release the optional Momentary switch).
2. Turn the ignition key to the OFF position. (The engine will stay running.)
3. The engine will run until the pre-programmed time elapses or a shut-down input is received. (See the previous remote engine start section for a complete list of shut-down inputs.)



NOTE: This feature will not work if the brake pedal is being pressed.

[Programming Options]

Programming options control your system's normal, operational set-up. Most options do not require additional parts, but some may require installation labor.

The following is a list of the programmable options, with the factory settings in **Bold**.

- **12**, 24, or 60 minute run time. your system can be programmed to allow the vehicle to run for 12, 24, or 60 minutes when remote engine started. Can be set up to minute increments by your installer.
- 3, 6, 9, or **12** minute timer mode run time. Your system can be programmed to allow the vehicle to run for 3, 6, 9, or 12 minutes when remote engine started in timer mode. Can be set up to 16 minutes by your installer.
- Comfort closure is a programming option which closes the vehicle's windows after remote locking.
- Parking lights **flashing** or constant. Your system can be programmed to turn on the parking lights for the entire remote engine start operation.

[Glossary of Terms]



Control Unit: The “brain” of your system. Usually hidden underneath the dash area of the vehicle. It houses the microprocessor which monitors your vehicle and controls all the system functions.

Transmitter: A hand-held, remote control which operates the various functions of your system.

QUICK REFERENCE GUIDE

Cut along dotted line and fold for a quick and easy reference to keep in your purse or wallet.


To lock the doors using your remote

- Pressing  /  for one second will lock the doors. The parking lights will flash once to confirm the doors are locked.




To unlock the doors using your remote

- To unlock the doors, press  /  for one second. The parking lights will flash twice to confirm the doors are unlocked.

To remote engine start the vehicle

- Press the  button twice within 3 seconds. The parking lights will flash to confirm remote engine start operation. Once the remote engine start has been activated, the vehicle will run for the preprogrammed period or until a shutdown input is triggered.

Rear Window Defogger

- Press the  / ,  and **AUX** buttons simultaneously to turn the defogger on or off when remote engine starting. When a remote engine start is initiated, the parking lights will flash 2-times if the defogger is set to off, and will flash 3-times if the defogger is set to on.

Get Started *Get Protected*



Ungo Pro Security
661 W. Redondo Beach Blvd.
Gardena, Ca. 90247

800-GO-CLARION